

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (canceled)

2. (canceled)

3. (currently amended) A method for harnessing the energy in compressed fluid to do usable work, comprising the steps of:

providing a constant volume chamber;

positioning a phase change material in said constant volume container;

explosively actuating said phase change material when energy is needed; and

~~connecting~~providing fluid communication between a pressure-driven load ~~to~~and said ~~energy reservoir of compressed fluid~~constant volume chamber so that explosive pressure generated by said explosive actuation of said phase change material drives said pressure-driven load;

whereby an ~~energy reservoir of compressed fluid~~ is provided on demand.

4. (currently amended) The method of claim 3, ~~wherein~~further comprising the step of providing the pressure-driven load ~~is~~in the form of a turbine adapted to generate electrical power.

5 - 6. (canceled)

7. (currently amended) The method of claim 3, further comprising the step of positioning said pressure-driven load between said ~~energy reservoir of compressed fluid~~constant volume chamber and a high pressure storage tank ~~where~~so that said ~~energy reservoir of compressed fluid~~constant volume chamber is in fluid communication with an input of said pressure driven load and said high pressure storage tank is in fluid communication with an output of said pressure-driven load.

8. (currently amended) The method of claim 7, further comprising the step of positioning a pneumatic circuit in fluid communication between said ~~energy reservoir of compressed fluid~~constant volume chamber and said high pressure storage tank.

9. (original) The method of claim 8, further comprising the step of connecting a mechanical load to an output of said pneumatic circuit.

10. (original) The method of claim 8, further comprising the step of connecting a fluidic load to an output of said pneumatic circuit.

11. (currently amended) The method of claim 7, further comprising the step of positioning a hydraulic circuit in fluid communication between said ~~energy reservoir of compressed fluid~~constant volume chamber and a high pressure storage tank.

12. (original) The method of claim 11, further comprising the step of connecting a mechanical load to an output of said hydraulic circuit.

13. (original) The method of claim 11, further comprising the step of connecting a fluidic load to an output of said hydraulic circuit.

14. (canceled)